

Overview

The TWAIN 2.3 Specification improves clarity and removes ambiguity, making it easier for developers to write world class TWAIN applications and drivers. This version concludes a process of documentation changes that began with TWAIN 2.0:

- TWAIN.H is unified, with one header file supporting Windows, Linux and Mac OS X, bringing full support for TWAIN 2.x to Mac OS X for the first time.
- Printer functionality is significantly expanded.
- Clarification of driver startup versus driver default values, and the proper effect of the MSG_RESET and MSG_RESETALL operations.
- A new image meta-data value that a driver can report to an application.
- A section detailing the best coding practices for application and driver writers.
- Additional tests for the TWAIN Self-Certification system, and a note that TWAIN Self-Certification applications can now be registered on the TWAIN Working Group website (<http://www.twain.org>).
- Updates applied from the TWAIN 2.2 Errata document.

Detailed Breakdown

2.3 adds these new Capabilities:

- CAP_PRINTERCHARROTATION
Rotates characters printed on documents
- CAP_PRINTERFONTSTYLE
Selects characteristics of the font printed on documents (ex: bold, italic)
- CAP_PRINTERINDEXLEADCHAR
Selects the left side padding of numeric values printed on documents (ex: zero fill)
- CAP_PRINTERINDEXMAXVALUE
Maximum allowed value for CAP_PRINTERINDEX
- CAP_PRINTERINDEXNUMDIGITS
Total number of digits allowed in CAP_PRINTERINDEX
- CAP_PRINTERINDEXSTEP
Step size when incrementing CAP_PRINTERINDEX for each document

- CAP_PRINTERINDEXTRIGGER
Kinds of documents that cause CAP_PRINTERINDEX to increment
- CAP_PRINTERSTRINGPREVIEW
A sample string representing the currently selected printing options

2.3 adds this new Extended Image Information item:

- TWEI_PRINTERTEXT
Text that was printed on the document